

12-2002

The 2002 Iowa Corn Yield Test Report, District 7

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Recommended Citation

Ziegler, K.E.; Vinson, W.H.; and Carroll, D.E., "The 2002 Iowa Corn Yield Test Report, District 7" (2002). *Iowa Corn Yield Tests*. 219.

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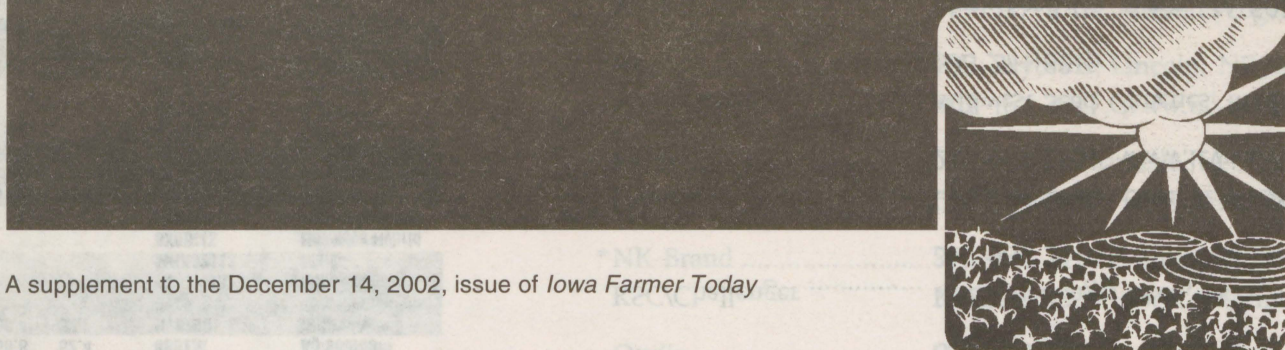
The 2002 Iowa Corn Yield Test Report, District 7

Abstract

Results of the Iowa Crop Performance Test-Corn are published to aid Iowa farmers in selecting corn hybrids. This is the 83rd consecutive year for the test. These data are first released on the Iowa Crop Improvement Association's homepage at <http://www.agron.iastate.edu/icia/> usually around the end of November.

Disciplines

Agriculture



A supplement to the December 14, 2002, issue of *Iowa Farmer Today*

2002 Iowa Crop Performance Test—Corn District 7

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These data are first released on the Iowa Crop Improvement Association's homepage at <http://www.agron.iastate.edu/icia/> usually around the end of November.

The next released format of these data is in the Iowa Crop Management Database program. A description of this program and an order form can be found at <http://extension.agron.iastate.edu/CMD/>. A short description of how this program manages these data is provided in the "Other Reports" section of this report.

In 2002, DTN (Data Transmission Network) will be including a summarized version of these data on their system.

The final format is the printed version, which is printed and distributed by *Iowa Farmer Today* in its Dec. 14, 2002 issue. A few days later, the printed reports also are available from county extension offices.

The presentation of data for the hybrids tested does not imply approval or endorsement by the authors or the agencies sponsoring or conducting the test. Entries in Tables 1 and 2 are designated by brand name and variety.

Use of These Data in Advertisements

Iowa State University and the Iowa Crop Improvement Association desire to maintain the credibility of data from the Iowa Crop Performance Test—Corn. Misuse of these data in advertisements can have a negative effect on the perception of the value of these data. For advertising purposes, brand-to-brand comparisons should not be made unless more than one competitor brand is used in the ad and all entries of competitor brands in a reported table are included in the ad. Advertisement statements by an individual company about the performance of its entries can be made as long as they are accurate statements about the data as published with no reference to other companies' hybrids. A statement similar to: "See the official *Iowa Crop Performance Test—Corn* report, PM 660 (1-7) 02, for details," should be included in the ad.

2002 Procedure

Producers of seed corn and Iowa State University were eligible to enter hybrids in the Iowa Crop Performance Test—Corn. Each producer was allowed a maximum of 12 paid entries per district. All commercial entries had to be available in a quantity of at least 10 bushels of seed.

In 2002, data are reported on 125 entries in this district. Fourteen of the entries determined to be check hybrids were entered by the Iowa Crop Improvement Association. In June, survey cards were mailed to a random sample of corn growers in Iowa. Based on the survey results, the 14 hybrids grown on the most acres in the district were classified as check hybrids for the district. The check hybrids (\$ and !) in this report were determined by the 2001 survey. The Iowa Crop Improvement Association entered a maximum of three check hybrids of any given brand. These entries were given priority over the remaining 111 entries made by seed producers.

Each entry was replicated four times in four-row plots at a planting rate of 29,000 kernels per acre at each location. All locations were machine planted. The center two rows of each plot were harvested with a corn combine. No gleanings or dropped ears were included in yield data. A moisture determination was made from each plot and yields were corrected to 15.5 percent moisture for shelled corn.

Since 1988, data for protein, oil, and starch percentages have been included in the *Iowa Crop Performance Test—Corn* reports. Protein, oil, and starch were measured on an Infratec 1225 near-infrared transmittance analyzer calibrated against accepted chemical methods as done by Woodson-Tenant Labs, Des Moines, Iowa. Dr. Charles R. Hurburgh, Jr. of the ISU Department of Agricultural and Biosystems Engineering was responsible for analyzing the samples. Samples for nutrient analysis were collected from one field in each district. Data presented are averages of the four replicated plots in that field. To be consistent with the yield data, the protein, oil, and starch data were corrected to 15.5 percent moisture.



Iowa Crop
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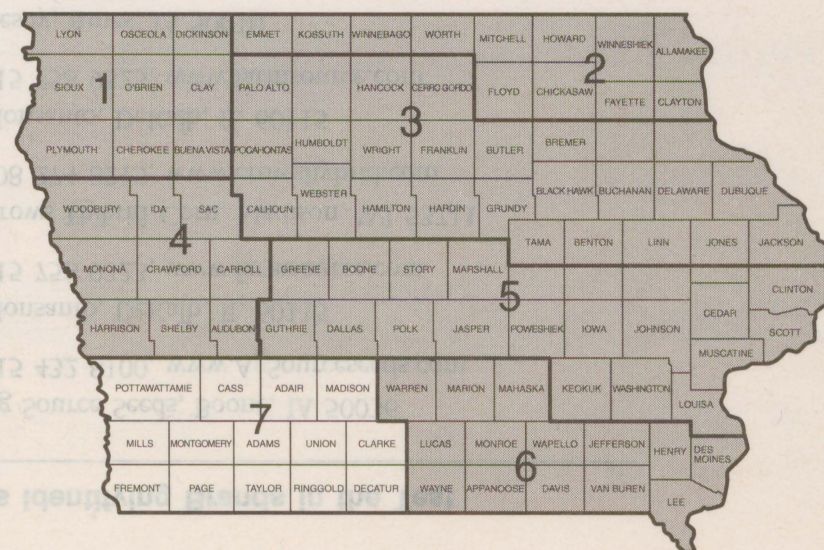


Table 2. Averages of 2001-02 and 2000-02 of Varieties Tested in District 7.
LSD for Yields are 5 Bushels for 00-02 and 7 Bushels for 01-02.

00-02 Protein LSD = 0.1. 00-02 Oil LSD = 0.1. 00-02 Starch LSD = 0.2.
01-02 Protein LSD = 0.2. 01-02 Oil LSD = 0.1. 01-02 Starch LSD = 0.2.

Brand	Variety	Cross	Yield Bu/A		Moisture Pct		Root Ldg Pct		Stalk Ldg Pct		Drop Ear Pct		Stand Pct		Protein Pct		Oil Pct		Starch Pct		Variety	Brand
			00-02	01-02	01-02	00-02	00-02	01-02	00-02	01-02	00-02	01-02	00-02	01-02	00-02	01-02	00-02	01-02	00-02	01-02		
Crows	438Bt	SX		168	15.4			28		2		0		94		8.1		4.0		59.8	438Bt	Crows
\$Golden Harvest	H9221Bt	SX	150	142	15.8	14.9	11	16	4	6	0	0	93	93	8.6	8.6	3.4	3.3	60.6	60.1	H9221Bt	\$Golden Harvest
\$NK Brand	N58-D1	SX		160	16.2			11		1		0		92		8.0		3.3		60.9	N58-D1	\$NK Brand
Hoegemeyer	2649	SX		164	16.4			11		3		0		95		8.7		4.0		59.3	2649	Hoegemeyer
Ottillie	5155	SX		163	16.6			5		4		0		93		8.6		3.9		59.5	5155	Ottillie
KSC/Challenger	9212Bt	SX		168	16.7			11		1		0		94		8.0		3.9		59.9	9212Bt	KSC/Challenger
SOI	9102	SX		158	16.7			11		5		0		92		8.8		3.9		59.3	9102	SOI
Lewis	4830RR	SX		159	16.9			20		4		0		93		7.8		3.8		60.3	4830RR	Lewis
Garst	8461	SX		164	17.0			18		2		0		89		7.8		3.8		60.4	8461	Garst
KSC/Challenger	9013+Bt	SX	166	163	17.0	16.2	11	16	2	2	0	0	90	90	8.0	7.9	3.9	3.8	60.7	60.3	9013+Bt	KSC/Challenger
Pfister	2656	SX		166	17.1			23		2		0		92		8.0		3.8		60.1	2656	Pfister
Kruger	9212	SX		174	17.2			28		2		0		94		7.9		3.8		60.2	9212	Kruger
KSC/Challenger	EX214	SX		158	17.2			21		4		0		90		8.0		3.7		60.2	EX214	KSC/Challenger
Middlekoop	M912	SX	164	163	17.3	16.5	17	25	3	3	0	0	93	92	8.7	8.8	4.2	4.1	59.8	59.3	M912	Middlekoop
\$Asgrow	RX738RR	SX	157	157	17.5	16.1	10	14	3	3	0	0	91	94	8.4	8.5	3.9	3.9	60.3	59.7	RX738RR	\$Asgrow
Lewis	4137	SX	165	164	17.6	16.7	17	26	3	3	0	0	92	94	8.8	8.9	4.2	4.1	59.8	59.2	4137	Lewis
Merschman	M00111	SX		169	17.6			23		2		0		95		8.8		4.1		59.4	M00111	Merschman
\$Kruger	9912	SX	165	165	17.7	16.7	17	25	4	3	0	0	93	93	8.8	8.9	4.1	4.1	59.9	59.3	9912	\$Kruger
U.S. Seeds	USC1141	SX		156	17.8			15		3		0		93		7.7		3.9		60.4	USC1141	U.S. Seeds
Ag Source	6787	SX	166	165	18.0	16.6	16	23	4	4	0	0	93	95	7.6	7.5	3.9	3.8	61.0	60.6	6787	Ag Source
Merschman	M00113	SX		165	18.0			21		5		0		92		7.6		3.8		60.6	M00113	Merschman
Asgrow	RX730YG	SX		163	18.0			18		2		0		93		7.9		3.7		60.4	RX730YG	Asgrow
FS	6682	SX		165	18.0			23		4		0		94		7.4		3.8		60.8	6682	FS
Middlekoop	M1214	SX	163	161	18.1	16.6	15	22	6	5	0	0	92	93	7.5	7.6	3.9	3.8	61.1	60.5	M1214	Middlekoop
Pfister	2750	SX	166	164	18.1	16.6	14	21	5	4	0	0	93	93	7.3	7.5	3.9	3.8	61.1	60.6	2750	Pfister
M/W Genetics	G8122	SX		164	18.2			20		4		0		93		7.9		3.5		60.6	G8122	M/W Genetics
Golden Harvest	H9164Bt	SX		172	18.2			16		2		0		96		7.6		3.9		60.3	H9164Bt	Golden Harvest
Ag Source	6887	SX	163	166	18.3	16.5	12	18	4	3	0	0	93	95	7.7	7.9	3.5	3.4	61.3	60.7	6887	Ag Source
Four Star	5758	SX	161	163	18.3	16.5	14	21	4	3	0	0	94	94	7.7	7.7	3.6	3.5	61.3	60.8	5758	Four Star
NK Brand	N72-J5	SX		162	18.3			25		4		0		94		7.5		3.8		60.6	N72-J5	NK Brand
\$NK Brand	N7070Bt	SX	165	166	18.3	16.8	10	15	2	1	0	0	93	93	8.1	8.2	3.6	3.5	61.1	60.5	N7070Bt	\$NK Brand
KSC/Challenger	9114Bt	SX		164	18.4			21		3		0		95		7.8		3.8		60.5	9114Bt	KSC/Challenger
Rainbow	3167	SX		156	18.6			20		4		1		91		8.5		4.0		59.5	3167	Rainbow
Renze	6462	SX		158	19.0			18		4		1		91		8.5		4.1		59.4	6462	Renze
Fontanelle	5591	SX		171	19.0			17		3		0		95		7.6		3.8		60.5	5591	Fontanelle
Desoy	9117	SX	164	161	19.0	18.0	14	21	5	5	1	1	94	94	8.5	8.4	4.2	4.0	60.0	59.6	9117	Desoy
Rainbow	3148YG	SX		173	20.4			7		1		0		95		8.5		3.5		59.9	3148YG	Rainbow
Merschman	M9114	SX		170	20.6			5		0		0		94		8.5		3.6		60.0	M9114	Merschman
Average of All Entries			162.6	163.4	17.7	16.5	14	18	3.7	3.0	0.2	0.2	92.6	93.2	8.1	8.1	3.9	3.8	60.6	60.1	Average of All Entries	
Average of Check Hybrids			159.3	158.1	17.1	16.1	12	16	3.2	2.7	0.2	0.2	92.4	93.0	8.5	8.4	3.8	3.6	60.5	60.1	Average of Check Hybrids	

SX = Single Cross. MSX = Modified Single Cross. 3X = 3-Way Cross. 4X = 4-Way Cross. SXB = Blend of Single Crosses.

\$ = Check Hybrid Entered by the Iowa Crop Improvement Association.

! = Short Check Hybrid Grown in Short Blocks.

= Hybrid Entered as a Short Hybrid and Grown in Short Blocks.

Table 1. Average Performance of Varieties Tested in District 7. 29,000 Planting Rate. LSD for 2002 Yield in Bushels is 11, for 2001 is 9, and for 2000 is 8. 2002 Protein Pct LSD = 0.3. 2002 Oil Pct LSD = 0.1. 2002 Starch Pct LSD = 0.4.

Brand	Variety	Cross	Yield Bu/A				Moisture Pct				Root Ldg Pct				Stalk Ldg Pct				Drop Ear Pct				Stand Pct				Protein Pct				Oil Pct				Starch Pct				Variety	Brand
			2000	2001	2002	2002	2001	2000	2002	2001	2000	2002	2001	2000	2002	2001	2000	2002	2001	2000	2002	2001	2000	2002	2001	2000	2002	2001	2000	2002	2001	2000								
Crows	4388I	SX	163	173	14.5	16.4		30	26			1	3	0	0			93	96		7.8	8.4		3.9	4.0		60.1	59.6	4388I	Crows										
DEKALB	DKC58-78(YG)	SX		173	14.7			19				0						97			8.5			3.9			59.6		DEKALB	DEKALB										
SNK Brand	N58-D1	SX	159	161	14.8	17.6		14	8			1	1	1	0	0		91	92		7.8	8.1		3.2	3.4		61.1	60.7	N58-D1	SNK Brand										
Golden Harvest	H2552	SX		140	14.8			26				5			0			94			8.2			3.6			60.3		H2552	Golden Harvest										
DEKALB	DKC60-08(YG)	SX		166	14.9			17				2						94			7.9			3.8			60.3		DKC60-08(YG)	DEKALB										
KSC/Challenger	92128I	SX	161	175	15.0	18.4		18	5			1	1	0	0	0		96	96		7.4	8.6		3.9	4.0		60.6	59.2	92128I	KSC/Challenger										
Hoegemeyer	2649	SX	168	159	15.1	17.7		15	7			1	4	0	0			93	96		8.7	8.7		4.0	4.1		59.3	59.2	2649	Hoegemeyer										
Pfister	2646	SX		164	15.3			21				1			0			95			8.3			3.8			60.0		2646	Pfister										
Golden Harvest	H92218I	SX	166	139	14.6	16.3	13.0	31	2	0		11	2	1	0	0		93	92	93	8.5	8.7	8.5	3.4	3.2	3.7	60.2	60.1	61.7	H92218I	Golden Harvest									
Renze	6373	SX		159	15.4			28				2			1			90			7.2			3.1			61.7		6373	Renze										
Kruger	9113	SX		182	15.4			30				3			0			92			7.5			3.2			61.4		9113	Kruger										
Ottillie	5155	SX	163	183	15.4	17.8		6	4			1	6	0	0			93	93		8.4	8.8		3.8	3.9		59.7	59.3	5155	Ottillie										
Lewis	48308R	SX	161	157	15.4	18.3		23	16			2	7	0	0			92	94		7.7	7.8		3.8	3.8		60.4	60.2	48308R	Lewis										
Golden Harvest	H9087	SX		159	15.4			36				2			0			91			7.7			3.5			61.0		H9087	Golden Harvest										
SOI	9102	SX	164	153	15.5	18.0		18	5			4	5	0	0	0	0	91	94		8.7	8.9		3.9	3.9		59.4	59.3	9102	SOI										
KSC/Challenger	9013+8I	SX	174	160	166	15.5	18.5	14.6	23	9	0	1	2	2	0	0	0	92	88	89	7.6	8.2	8.0	3.9	3.8	4.0	60.5	60.0	61.6	9013+8I	KSC/Challenger									
DEKALB	DKC62-15	SX		157	15.6			30				3			0			93			8.0			3.7			60.3		DKC62-15	DEKALB										
KSC/Challenger	9214-1	SX		165	15.6			19				4			0			93			7.8			3.6			60.5		9214-1	KSC/Challenger										
KSC/Challenger	93128	SX		159	15.6			22				2			0			95			7.8			3.9			60.4		93128	KSC/Challenger										
Golden Harvest	H8906	SX		172	15.6			28				1			0			93			8.2			3.8			60.0		H8906	Golden Harvest										
Kruger	9212	SX	174	174	15.6	18.7		31	25			2			0	0	0	93	95		7.9	7.9		3.9	3.7		60.1	60.4	9212	Kruger										
Garst	8461	SX	163	166	15.7	18.2		24	12			2	2	0	0			88	90		7.6	8.0		3.8	3.7		60.6	60.2	8461	Garst										
Renze	6363	SX		170	15.7			29				2			0			93			7.8			3.8			60.4		6363	Renze										
Wilson	1563	SX		165	15.7			30				1			0			96			7.7			3.8			60.3		1563	Wilson										
M/W Genetics	G7706	SX		169	15.7			23				0			0			93			7.8			3.8			60.4		G7706	M/W Genetics										
Asgrow	RX708YG	SX		171	15.7			20				0			0			93			8.3			3.7			60.1		RX708YG	Asgrow										
Pfister	2656	SX	169	163	15.8	18.4		26	21			1	3	0	0	0	0	91	93		8.0	8.0		3.8	3.8		60.2	60.0	2656	Pfister										
FS	6473	SX		170	15.8			22				2			0			95			7.7			3.9			60.4		6473	FS										
SOI	9132	SX		173	15.8			16				1			0			94			7.5			3.9			60.5		9132	SOI										
KSC/Challenger	93212	SX		168	15.8			22				2			0			96			8.9			3.9			59.5		93212	KSC/Challenger										
SM/W Genetics	G7950	SX		167	15.9			30				2			0			94			8.8			4.2			59.3		G7950	SM/W Genetics										
Lewis	4137	SX	166	168	160	15.9	19.2	14.9	31	20	0	1	4	4	0	0	0	95	94	88	8.8	8.9	8.7	4.1	4.1	4.2	59.2	59.2	61.1	4137	Lewis									
Kruger	961488I	SX		154	15.9			19				3			0			85			8.0			3.9			60.1		961488I	Kruger										
Middlekoop	M912	SX	166	161	16.4	15.9	18.6	14.9	34	16	0	1	5	2	0	0	0	93	91	94	8.7	8.9	8.6	4.2	4.1	4.4	59.4	59.2	61.0	M912	Middlekoop									
Asgrow	RX738RR	SX	156	159	15.6	15.9	19.2	13.2	22	6	1	2	3	3	0	0	0	95	94	84	8.5	8.5	8.4	4.0	3.8	3.9	59.6	59.8	61.5	RX738RR	Asgrow									
Golden Harvest	H92358I/RR	SX		167	15.9			21				0			0			93			8.5			3.9			59.8		H92358I/RR	Golden Harvest										
Lewis	51138I	SX		157	15.9			32				0			0			95			8.7			3.9			59.6		51138I	Lewis										
NetSeeds	Net1155	SX	164	167	16.0	15.9		29				4			0			94			7.5			3.9			60.6		Net1155	NetSeeds										
NetSeeds	Net1106	SX		169	16.0			33				2			0			95			8.8			4.2			59.2		Net1106	NetSeeds										
FS	6863CL	SX		160	16.0			27				2			0			93			8.8			4.2			59.2		6863CL	FS										
DEKALB	DKC61-25(YG)	SX		175	16.0			33				2			0			93			9.1			4.2			58.9		DKC61-25(YG)	DEKALB										
Kruger	9912	SX	166	162	16.0	19.5	14.6	27	23	0		2	5	6	1	0	0	94	92	92	8.8	8.9	8.6	4.1	4.1	4.2	59.3	59.3	61.2	9912	Kruger									
SNK Brand	N58-D1	SX		159	16.0			20				3			0			93			8.8			4.2			59.3		N58-D1	SNK Brand										
KSC/Challenger	9313	SX		156	16.0			21				1			0			92			8.1			3.8			60.0		9313	KSC/Challenger										
Pioneer	3326	SX		163	16.0			24				3			1			94			8.1			3.7			60.6		3326	Pioneer										
Pfister	2730	SX		150	16.0			26				3			0			87			8.1			3.6			60.4		2730	Pfister										
U.S. Seeds	USC1141	SX	156	167	16.0	19.5		24	7			3			0	0		95	90		7.6	7.9		3.8	3.9		60.6	60.2	USC1141	U.S. Seeds										
Kruger	EX312HB	SX		167	16.1			19				5			0			91			7.1			3.8			61.1		EX312HB	Kruger										
Ag Source	6233YGC8	SX		166	16.1			30				0			0			90			8.0			4.0			59.4		6233YGC8	Ag Source										
Ag Source	6781	SX	167	167	16.3	16.2	19.8	14.0	31	14	1	2	5	4	0	0	0	95	94	89	7.4	7.7	7.6	3.9	3.8	4.1	60.6	60.5	62.0.											

How Information Is Presented

The agronomic data presented are averages of three locations in 2000, 2001, and 2002. Yield in bushels per acre and percentages of moisture, root lodging, stalk lodging, dropped ears, stand, protein, oil, and starch are shown for all entries in 2002 and for those tested in 2000 and 2001 that were in the 2002 test.

Interpretation of Results

Yield differences due to variation in soil, fertility, moisture availability, insect infestation, and diseases, plus any variation due to planting and harvesting techniques, are identified through statistical analysis. The LSD values for yield shown in Tables 1 and 2 represent, in bushels per acre, the amount of yield variation that could be due to variations in the factors just mentioned. In comparing varieties, yield differences greater than the LSD value can be attributed to genetic differences in the yield potential of these varieties; yield differences less than the LSD value are not statistically different and could have been due to other factors.

Grain moistures shown in Tables 1 and 2 are indications of maturity and natural drying rate. Maturity of varieties entered generally ranged from short to full season. Yield comparisons should be made among varieties of similar maturity.

It is important to select varieties having stable performance over a range of environmental conditions. High yields for two or more consecutive years, Table 2, indicate stable performance. Also, in 2002, to increase the range of environmental conditions reported on in one year, 16 additional tables are provided electronically on the Iowa Crop Improvement Web page that merge data across districts. These tables double, and in some cases even triple, the number of locations reported on for hybrids entered in several districts. Supplemental yield and agronomic information about specific varieties may be obtained from seed corn dealers, crop consultants, and from neighbors who have grown these varieties.

The protein, oil, and starch percentage data (Tables 1 and 2) are quality traits important to different end-users of corn. For feed, protein is of primary interest; for wet-mill processing (ethanol and sweeteners), oil and starch content are important. Several firms have begun testing these characteristics on a routine basis. There are now more than 50 Iowa grain elevators with this testing capability.

Whole-grain near-infrared equipment measures composition of unground corn kernels in 1 to 1.5 minutes per sample. The equipment measures moisture simultaneously with composition. Using these instruments, country elevators can test and segregate grain as it is received. Obviously, all compositional factors cannot be high in the same hybrid. The grain market is expanding the production and marketing of certain hybrids for specific uses. This is an important change from the generic commodity approach widely used now.

The economic impact of compositional factors can be significant. Corn protein trades off with other protein sources in many feed rations. At \$200 per ton for 44 percent protein soybean meal, the value of a 1 percent increase (e.g., from 8 percent to 9 percent) in corn protein is about 12 cents per bushel of corn. Likewise, an additional percent of oil yields about 10 to 14 cents per bushel in increased oil output in a wet processing plant or when substituted for white grease in feed rations. The additional ethanol or sweetener from an extra percent of starch provides 8 to 10 cents per bushel more revenue. Producers feeding livestock are in the best position to capture immediate benefits from these composition data. Country elevators with feed mills also have the ability to capitalize on increased protein in corn. The Iowa Corn Growers Association has prepared a publication to aid growers in using the nutrient data in the *Iowa Crop Performance Test—Corn* reports: *Nutrient Content and Feeding Value of Iowa Corn*, Iowa Corn Growers Association, Des Moines, Iowa 50265.

Hybrids with similar yields and agronomic characteristics may not be identical in corn composition. Therefore, feed costs can be reduced by selecting higher protein hybrids from a group with similar yield potential. Weather and soil conditions affect composition, but the relative ranking of hybrids does not change greatly. A higher protein hybrid will be higher than average regardless of environmental conditions that raise or lower the averages. The protein percentages reported are measures of crude protein and may not give an accurate indication of feed value if feed rations are balanced on individual amino acids rather than crude protein content.

2002 Field Data

The District 7 test was planted on farms operated by Robert Hays near Malvern in Mills County, Marvin Fuller near Corning in Adams County, and Marvin Eivins west of Winterset near the Madison-Adair County line. Field data are presented in Table A.

Table A. Field Data

	Hays Farm Monona silt loam				Fuller Farm* Macksburg silty clay loam			Eivins Farm Sharksburg silty clay loam		
	N	P ₂ O ₅	K ₂ O	S	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O
Fertilizer applied, lb.	—	—	—	—	—	—	—	18	46	50
Plowdown	151	—	—	36	150	40	60	140	—	—
Preplant	151	—	—	36	150	40	60	158	46	50
Total										
2001 crop	Soybeans				Soybeans			Soybeans		
Row width	30 inches				30 inches			30 inches		
Planting date	April 20				May 7			May 7		
Harvest date	Sept. 30 & Oct. 7				Oct. 21 & 22			Oct. 22		
Average yield	151 bu/a				161 bu/a			180 bu/a		

*Field sampled for protein, oil, and starch percentage data.

Other Reports

Separate reports are available for each district shown in Figure 1. A limited supply of these publications is available at your county extension office or from Extension Distribution Center, 119 Printing and Publications Building, Iowa State University, Ames, Iowa 50011. Also, these data are available along with a hybrid selection program as a part of the Iowa Crop Management Database program. Along with all of the information as it appears in these written reports, the section of the Iowa Crop Management Database program that uses these data allows farmers to insert their own drying and shrink costs, expected price of corn, and final moisture percentage after drying. Using these specific criteria, the program calculates an adjusted economic value for each hybrid in the test. Farmers can then determine which hybrids might best fit their own production practices and provide the most profit. The computer program also can sort the hybrids by yield, moisture, adjusted value, root lodging, stalk lodging, dropped ears, protein, oil, starch, or brand and then print the data as sorted. It will also allow the user to tag selected hybrids and then list those selected hybrids as a new table for ease of viewing. A Pentium 1 computer or higher running Windows 95 or newer with a CD ROM drive and 30 megabytes of hard disk space are required to run the program. The cost of the program is a onetime purchase of \$100. Future years' data can be downloaded from the Web at no charge. If the user cannot access the Web to download the new data, the price will be \$25 for all seven districts' data. Order forms and a description of the program are available from Agribusiness Education Programs, telephone 515-294-6429, and on the Web at <http://extension.agron.iastate.edu/CMD/>.

The 2002 Iowa Crop Performance Test—Corn:

PM 660 1 02 District 1	PM 660 4 02 District 4	PM 660 6 02 District 6
PM 660 2 02 District 2	PM 660 5 02 District 5	PM 660 7 02 District 7
PM 660 3 02 District 3		

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Cooperating Organizations

- Iowa Crop Improvement Association
- Agriculture & Home Economics Experiment Station
- Cooperative Extension Service
- Iowa Corn Promotion Board
- U.S. Department of Agriculture

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Issued in furtherance of Cooperative Extension work, Acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture. Stanley R. Johnson, director, Cooperative Extension Service, Iowa State University of Science and Technology, Ames, Iowa.